

Coating Thickness Gauges

Dry Film Thickness (DFTG)

To measure any non-magnetic and insulating coatings on a ferrous substrate or any non-conductive coating on a non-ferrous substrate.

Examples:

- Anodizing
- Chrome
- Enamel
- Galvanizing
- Powder Coating
- Paint etc.



Model	EC-770	EC-777	JT6102
Probe	Integral Ruby Probe	Integral Ruby Probe with probe trigger	Separate F or NF with probe trigger
Type	Ferrous (Magnetic induction) / Non-Ferrous (Eddy currents)		
Range	0 ~ 2000µm		0 ~ 1250µm (Optional 10mm)
Accuracy	±(3%+1µm)	±(2%+1µm)	±(2%+1µm)
Resolution	0.1µm (0~99.9) or 1µm (>100)		
Calibration	Zero point and Multi-point Calibration		
Statistics	No. of readings, minimum, maximum, average and standard deviation		
Units	µm, mm, mil		
Curvature	Minimum convex radius: 5mm Minimum concave radius: 25mm	Min convex radius: F 1.5mm / NF 3mm Minimum concave radius: 15mm	
Area	Minimum: 15mm diameter	Minimum: F 7mmØ / NF 5mmØ	
Substrate Thickness	F-Probe: 0.5mm (minimum) N-Probe: 0.3mm (minimum)		
Alarm	High / Low limit settings		
Display	Backlit 128 x 128 Dot matrix LCD Rotatable, Red backlight in alarm	Graphic 2.4" Colour LCD, LED status Auto-rotate, Curve, Bar chart or Trend	128 x 64 Dot matrix LCD with back light
Memory	Four Groups, 80 readings per group (Download data via USB as Text file)	Ten Batches, 13 groups in each batch, 10 readings per group (BT and App)	Five Groups, 99 readings per group (Download data via USB & Software)
Power	Two 1.5V AAA Alkaline batteries	Two 1.5V AA Alkaline batteries	
Probe Limits	-10°C ~ +50°C / 20~90% RH (non-condensing)		
Size and Weight	114 x 53 x 25mm 80g (without batteries)	146 x 76 x 32mm 137g (without batteries)	126 x 67 x 32mm 340g (without batteries)
Accessories	Carry case, calibration foils, F + NF zero discs, USB cable, Basic software and manual	Carry case, calibration foils, F + NF zero discs and manual (App download from web)	Carry case, F1 probe, calibration foils, F zero discs, USB cable and manual ** Software free download ** Optional N1 and F10 probes

Distributor:

AWR Smith Process Instrumentation cc

PO Box 449 Pinegowrie 2123

Tel: 011 782 7279 / 888 7144 Fax: 086 648 7664

e-mail: sales@instruments.co.za website: www.instruments.co.za